

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office. JUN 21 1988
Returned to applicant for correction. JUL 20 1988
Corrected application filed. SEP 15 1988
Map filed. SEP 15 1988

The applicant Charles Heisen Assigned to International Silica Corporation

#2503 550 Oakmount Ave, Las Vegas
Street and No. or P.O. Box No. City or Town

Nevada 89109
State and Zip Code No.

hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of the proposed appropriation is underground
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 3 second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet

3. The water to be used for mining purposes, washing silica sand etc.
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated

(b) Stockwater, state number and kinds of animals to be watered

(c) Other use (describe fully under No. 12. "Remarks")

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream NA

5. The water is to be diverted from its source at the following point in the SE 1/4, SE 1/4, Sec 29, T 20 S, R 64 E, MDB & M from which point the SE Corner of Sec 29, T 20 S, R 64 E bears S 35° E, 1100 feet
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

6. Place of use SW 1/4 NE 1/4; SE 1/4 SE 1/4 NW 1/4; NE 1/4 SW 1/4; NW 1/4 NW 1/4 SE 1/4. All in Sec 15, T 20 S, R 64 E MDB & M
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about Jan 1 and end about Dec 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) drilled well with pump & motor
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

AMENDED PERMIT

9. Estimated cost of works \$30,000⁰⁰
10. Estimated time required to construct works existing well - 1 year
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use 1 year
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:
- for washing silica sand in open pit mining operation - water for dust control
- for hydrosizer

By s/ Charles Heisen
#2503 550 Oakmount Ave
Las Vegas, Nev 89109

Compared am/se am/se

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of water begins or before the Proof of Completion of Work is filed.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The total combined duty of water under Permits 52254 and 52614 shall not exceed 1085.955 acre-feet annually.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.5 cubic feet per second, but not to exceed 1085.955 acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before October 2, 1991

Proof of completion of work shall be filed before November 2, 1991

Application of water to beneficial use shall be filed on or before October 2, 1993

Proof of the application of water to beneficial use shall be filed on or before November 2, 1993

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed _____

Proof of beneficial use filed _____

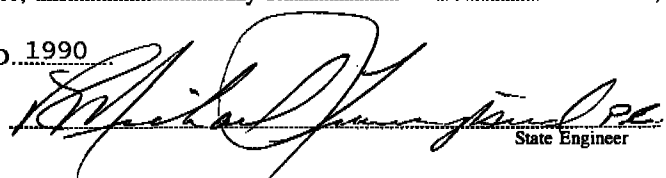
Cultural map filed _____

Certificate No. _____ Issued _____

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.
State Engineer of Nevada, have hereunto set my hand and the seal of my

office, this 26th day of November,

A.D. 1990


State Engineer

Abrogated By: 621091 I.S.

(PERMIT TERMS CONTINUED)

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

A monthly report shall be submitted to the State Engineer within 10 days from the end of each month which shall include the amount of water pumped from the well and the amount of water used for mining purposes and washing silica sand.

This application is approved subject to State Engineer's Ruling No. 3737 dated August 13, 1990.

A monitoring well must be established at a location approved by the State Engineer and monthly measurements of the water level in the monitoring well must be taken and submitted to the State Engineer on a monthly basis.



~~AMENDED~~N^o 52254

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TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

ASSIGNED

Date of filing in State Engineer's Office..... **JUN 21 1988**
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The applicant..... **Charles Heisen Assigned to International Silica Corporation**

#2503 550 Oakmount Ave.,

of..... **Las Vegas**

Street and No. or P.O. Box No.

City or Town

Nevada 89109

State and Zip Code No.

....., hereby make^s application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.).....

1. The source of the proposed appropriation is..... **underground**
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is..... **3**..... **second-feet**
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet.....

3. The water to be used for..... **mining purposes, washing silica sand etc.**
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated.....

(b) Stockwater, state number and kinds of animals to be watered.....

(c) Other use (describe fully under "No. 12. Remarks").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream..... **NA**

5. The water is to be diverted from its source at the following point..... **in the SE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec 29, T 20 S,**
Describe as being within a 40-acre subdivision of public

R 64 E, MDB & M from which point the SE Corner of Sec 29, T 20 S R 64 E bears S
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

35° E, 1100 feet

6. Place of use..... **SW $\frac{1}{4}$ NE $\frac{1}{4}$; SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$; NE $\frac{1}{4}$ SW $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$. All in Sec 15, T 20 S, R**
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

64 E MDB & M

7. Use will begin about..... **Jan 1**..... and end about..... **Dec 31**....., of each year.
Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.)..... **drilled well with pump & motor**
State manner in which water is to be diverted, i.e. diversion structure, ditches and

flumes, drilled well with pump and motor, etc.

9. Estimated cost of works..... **\$30,000⁰⁰**

10. Estimated time required to construct works..... existing well - 1 year
If well completed, describe works.
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11. Estimated time required to complete the application of water to beneficial use..... 1 year
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.
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for washing silica sand in open pit mining operation - water for dust control
- for hydrosizer
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By..... s/ Charles Heisen
#2503 550 Oakmount Ave
Las Vegas, Nev 89109

Compared..... pm/ jm pm/se

Protested.....

.....
APPROVAL.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of water begins or before the Proof of Completion of Work is filed.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

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The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

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acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before..... October 2, 1991

Proof of completion of work shall be filed on or before..... November 2, 1991

Application of water to beneficial use shall be made on or before..... October 2, 1993

Proof of the application of water to beneficial use shall be filed on or before..... November 2, 1993

Map in support of proof of beneficial use shall be filed on or before..... N/A

Completion of work filed..... IN TESTIMONY WHEREOF, I R. MICHAEL TURNIPSEED, P.E.

Proof of beneficial use filed..... State Engineer of Nevada, have hereunto set my hand and the seal of my
office, this 2nd day of October

Cultural map filed.....

A.D. 19.....90

Certificate No..... Issued.....

.....
State Engineer

(PERMIT TERMS CONTINUED)

A monthly report shall be submitted to the State Engineer within 10 days from the end of each month which shall include the amount of water pumped from each well and the amount of water used for mining purposes and washing silica sand.

This application is approved subject to State Engineer's Ruling No. 3737 dated August 13, 1990.

The total depth of the well drilled under Permit 52254 may not exceed 300 feet or progress beyond the normal pool elevation of Lake Mead which is 1157 feet (mean sea level).

